

Title (en)
AUTOMATED TECHNIQUES FOR MANUFACTURING FIBROUS PANELS

Title (de)
AUTOMATISIERTE VERFAHREN ZUR HERSTELLUNG VON FASERPLATTEN

Title (fr)
TECHNIQUES AUTOMATIQUES POUR FABRIQUER DES PANNEAUX FIBREUX

Publication
EP 2661551 B1 20170816 (EN)

Application
EP 11804758 A 20111219

Priority
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• US 201161429790 P 20110105
• GB 2011052515 W 20111219

Abstract (en)
[origin: GB2487050A] A method of making a structural fibrous panel with a predefined area comprises positioning a receiving surface 22 at a first location within the predefined area 26. The receiving surface is smaller than the predefined area and defines a local shape of the panel. Fibrous material is placed against the receiving surface and integrity is imparted to create part of the panel before relative movement of the receiving surface to a second, adjacent, location. Fibrous material is then placed against the receiving surface and integrity imparted to the fibrous material to create an adjoining part of the panel. The receiving surface is preferably moved in unison with a fibre placement head 14 which supplies the fibrous material. The receiving surface may be a movable mini-mould platen attached to and movable with the fibre placement head forming the structure 30 as it moves; a support structure 80 may be provided to support formed sections after the surface has moved.

IPC 8 full level
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Cited by
US11358331B2; WO2020106331A1

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